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PTO/SB/21 (09-04)

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TRANSMITTAL FORM

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Total Number of Pages in This Submission

Application Number	10/034,745
Filing Date	December 28, 2001
First Named Inventor	Richard E. Smalley et. al.
Art Unit	1745
Examiner Name	Johns S. Maples
Attorney Docket Number	11321-P012USD3

ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD Remarks	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): (1) Return Postcard.
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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	Winstead Senhrest & Minick P.C.		
Signature			
Printed name	Ross Spencer Garsson		
Date	June 9, 2005	Reg. No.	38,150

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Signature			
Typed or printed name	Beatrice Zepeda	Date	June 9, 2005

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application: Richard E. Smalley et al.
Serial No.: 10/034,745
Filed: December 28, 2001
Confirmation No.: 2473
Art Unit: 1745
Examiner: John S. Maples
Title: MEMBRANE COMPRISING AN ARRAY
OF SINGLE-WALL CARBON NANOTUBES

MAILING CERTIFICATION
UNDER 37 C.F.R. § 1.8

I hereby certify that this correspondence and supporting documents are being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Mail Stop Non-Fee Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450, on June 9, 2005.

Beatrice Zepeda
Beatrice Zepeda

THIRD AMENDMENT UNDER 37 C.F.R. § 1.111

Mail Stop Non-Fee Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Dear Sir:

This is in response to the Third Office Action ("Third Office Action") having a mailing date of 10 March 2005, with a three-month shortened statutory period for response set to expire on 10 June 2005.

Amendments to the Specification begin on page 2 of this paper.

Amendments to the Drawings begin on page 3 of this paper.

Remarks/Arguments begin on page 4 of this paper.